Appendix J

Relationship Between Post Acute Quality Indicators and Hypothesized Validation Scales

Relationship Between Post Acute Quality Indicators and Hypothesized Validation Scales (Note: Shaded Items are Counter to the Hypothesis)

Hypothesis Level	QI & Validation Scale	All Facilities		TCUs type=40)	
		Standardized Regression Coefficient	p-value	Standardized Regression Coefficient	p-value
	Failure to Improve in Early Post-Acute Period (MEGAQI; ADL0X)				
1	Cont Ed Fx Decline VAL32+	0.215	0.007		
1	Focus on Incontinence VAL36+	0.214	0.007		
1	CDCPI-Functional VAL37+				
1	Total involvement in Care Planning VAL147+				
1	Monitor Change in Function/Cognitive Care VAL2+				
1	Observation of Movement Scale VAL72+	0.142	0.076		
1	CDCPI3-Cross Domain Quality Response VAL42+				
1	ADL Decline Change (based on VAL46) VAL154+				
1	Incontinence Management VAL32+	0.174	0.029		
1	OT+OT Aasst FTE/100 Beds VAL85+	-0.257	0.002		
2	Facility Management Contract Change VAL11-				
2	PT FTE/100 Beds VAL146+	-0.273	0.001		
2	Effort at Mobility Enhancement VAL35+				
2	CMI-Adjusted VAL52+	-0.355	0.000	-0.366	0.011
2	Ownership Change VAL49-				
2	PT Asst FTE/100 Beds VAL83+	-0.163	0.050		
2	ADLdec Improvement Scale VAL109+				
2	General Management Instability VAL10-				

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Hypothesis Level	QI & Validation Scale	All Facilities		TCUs type=40)	
		Standardized Regression Coefficient	p-value	Standardized Regression Coefficient	p-value
	Failure to Improve Bladder Incontinence POST-ACUTE (MEGAQI; CNT0X)				
1	Incontinence Management VAL32+				
1	Focus on Incontinence VAL36+	-0.163	0.044		
1	BLA Change (based on VAL46) VAL162+				
1	BOW Change (based on VAL46) VAL163+				
2	Focus on Catheter VAL74+				
2	Direct Care Staff Involved for Residents who Fall VAL98+				
2	BowlCont Improvement Scale VAL119+	-0.181	0.025		
2	Ownership Change VAL49-				
2	BladCont Improvement Scale VAL118+				
2	General Management Instability VAL10-				
2	Effort at Mobility Enhancement VAL35+				
2	Num CQI Approaches in Use VAL64+				
	New or persistent delirium change POST-ACUTE (MEGAQI; DEL0X)				
1	Aggressive Cog/Com Care Strategy VAL9+				
1	Formal Delirum/Depression Approach VAL67+	-0.199	0.011	-0.249	0.078
1	CDCPI3-Cross Domain Quality Response VAL42+				
1	DEL Change (based on VAL46) VAL150+				
1	Presence of MH prof VAL66+	0.160	0.042		
1	CDCPI-Clinical Complications VAL40+				
2	Frequency of Comprehensive Assessments VAL80+				
2	Delirium Improvement Scale VAL105+			0.301	0.032
2	Complex Mental Health Care on Site VAL1+	0.212	0.007		
2	Vigilance in Monitoring Psyc Status VAL100+	-0.144	0.068		
2	Record of MH Prof VAL65+	0.210	0.016	0.343	0.026
2	Personalized Rooms VAL70+				
2	Polypharmacy Monitoring VAL8+				
2	Cognitive Behavioral Care Practices VAL88+				

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Hypothesis Level	QI & Validation Scale	All Facilities		TCUs type=40)	
		Standardized Regression Coefficient	p-value	Standardized Regression Coefficient	p-value
	Inadequate management of pain POST-ACUTE (MEGAQI; PAI0X)				
1	CQI for pain VAL26+	-0.162	0.040		
1	NP on staff VAL19+	-0.155	0.048	-0.305	0.029
1	No Stand Pain Asmt Admin and (Wkly or Qrtly) VAL61-			0.247	0.080
1	Pain Care Planning Specificity VAL47+				
1	Num CQI Approaches in Use VAL64+				
1	Frequency of Comprehensive Assessments VAL80+	-0.164	0.037		
1	Poor Pain Edcuation VAL59-				
1	Poor Pain Assessment Policies VAL58-	-0.132	0.095		
1	Pain Change VAL46+	0.155	0.050		
1	Screen, assess, manage pain depression VAL23+				
1	Match of Chart & Care Plan (Pain) VAL168+			-0.276	0.050
1	Match of MDS & Care Plan VAL48+	0.150	0.057		
1	CDCPI-Clinical Complications VAL40+			-0.312	0.026
1	CDCPI3-Cross Domain Quality Response VAL42+	-0.134	0.089		
1	Pain Assessment VAL45+				
1	Formal Communication VAL17+				
2	DON employed <12M VAL51-				
2	CMI-Adjusted /BED VAL52+				
2	Med Dir reviews Drugs last 30 days 7 VAL20+				
2	Long Stay Staff deciles VAL90+				
2	General Management Instability VAL10-	0.146	0.063		
2	Use of QA nurse VAL16+	0.135	0.086		
2	Medications Committee VAL25+				
2	Lic Staff turnover last 6mo (%,Deciles) VAL55-				
2	30%+ Six Mo CNA Turnover VAL56-				
2	Pain Improvement Scale VAL113+				
2	Ownership Change VAL49-	0.183	0.019		

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Hypothesis Level	QI & Validation Scale	All Facilities		TCUs type=40)	
		Standardized Regression Coefficient	p-value	Standardized Regression Coefficient	p-value
	Inadequate management of pain POST-ACUTE (MEGAQI; PAI0X) (cont'd)				
2	Number of CNA Training Topics VAL78+				
2	5%+ RN, LPN Float, Contract VAL53-				
2	CNA Involved in Care Planning VAL57+	-0.176	0.025		
2	Activities in NH VAL93+				
	Failure to prevent/improve PU POST-ACUTE (MEGAQI; PRU0X)				
1	Num CQI Approaches in Use VAL64+				
1	Skin Care Prev Stratgz walk-through VAL31+				
1	Formal Communication VAL17+				
1	Match of Chart & Care Plan VAL174+				
1	Use of QA nurse VAL16+				
1	Skin Care Preventive Stratgz v1 VAL29+				
1	Observed PU, Burns Tx & Prevention (JA) VAL77+				
1	CDCPI3-Cross Domain Quality Response VAL42+				
1	PRU Change (based on VAL46) VAL165+				
1	Facility Management Contract Change VAL11-				
1	CDCPI-Clinical Complications VAL40+				
1	Training & Policy for Suspicious Skin VAL99+	-0.170	0.033		
2	5%+ RN, LPN Float, Contract VAL53-				
2	CNA Involved in Care Planning VAL57+	-0.285	0.000		
2	CMI-Adjusted /BED VAL52+	0.388	0.000		
2	30%+ Six Mo CNA Turnover VAL56-	-0.252	0.005		
2	% Res w/Tx Plans for Weight Loss VAL81+				
2	Incontinence Management VAL32+	-0.270	0.001		
2	Licensed Nurse Involved in Care Planning VAL6+				
2	PressUlc Improvement Scale VAL121+	-0.186	0.019		
2	Long Stay Staff deciles VAL90+				

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Hypothesis Level	QI & Validation Scale	All Facilities		TCUs type=40)	
		Standardized Regression Coefficient	p-value	Standardized Regression Coefficient	p-value
	Failure to prevent/improve PU POST-ACUTE (MEGAQI; PRU0X) (cont'd)				
2	Lic Staff turnover last 6mo (%,Deciles) VAL55-	-0.189	0.022		
2	Focus on Incontinence VAL36+	-0.265	0.001		
2	Emphasis on Mission VAL89+				
2	Total involvement in Care Planning VAL147+	-0.222	0.005		
2	Number of CNA Training Topics VAL78+	-0.162	0.041		
	Improvement in Walking POST-ACUTE (MEGAQI; WAL0X)				
1	Observation of Movement Scale VAL72+				
1	Cont Ed Fx Decline VAL34+				
1	MOB Change (based on VAL46) VAL155+				
1	CDCPI3-Cross Domain Quality Response VAL42+				
1	Match of Chart & Care Plan VAL172+				
1	PT Asst FTE/100 Beds VAL83+			-0.312	0.033
1	PT FTE/100 Beds VAL146+				
1	Total involvement in Care Planning VAL147+	0.153	0.060		
1	Preventive Activities VAL7+				
1	Effort at Mobility Enhancement VAL35+				
1	CDCPI-Functional VAL37+				
2	CDCPI3-Cross Domain Quality Response VAL42+				
2	Focus on Incontinence VAL36+				
2	Incontinence Management VAL32+				
2	MobWalk Improvement Scale VAL110+				
2	CMI-Adjusted /BED VAL52+				
2	Level of OT PT Staffing VAL87+			-0.388	0.007
2	CDCPI-Ambiance VAL41+				